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2018 Perinatal Hepatitis B Summit

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Overview of Summit

- Summary of perinatal Hepatitis B in the US & Texas
- ACIP Hepatitis B Prevention recommendations
- Various strategies & programs helping to reduce Hepatitis B health disparities
- Experience the impact of chronic Hepatitis B on clients & their families



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Overview of Perinatal Hepatitis B

- Hepatitis B Virus (HBV) is highly infectious and is spread through percutaneous/mucosal exposure to infectious blood/body fluids
- Estimated that up to 2.2 million people in the US have chronic Hepatitis B
- Chronic Hepatitis B infection can lead to cirrhosis and liver failure
- Women infected with HBV can transmit HBV to their infants at birth
- Infection at younger ages is more likely to cause chronic infection
- To prevent transmission from mom to baby, Texas requires all pregnant women get tested for hepatitis B
- Babies born to women with HBV receive HBIG and the birth dose of vaccine within 12 hours of birth
- Babies then complete the hepatitis B series and are tested at 9 months of age for immunity or infection



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Perinatal Hepatitis B Prevention Program (PHBPP)

Mission: Prevent perinatal hepatitis B transmission through multidisciplinary collaboration of physicians, laboratories, hospitals, local health departments, and state offices.

1. Identify ALL HBsAg + pregnant women and their infants
2. Assure administration of HBIG and the hep B birth dose within 12 hours of birth to hep B exposed infants and infants born to mothers of unknown hepatitis B status
3. Assure the completion of hepatitis B vaccine series and post-vaccination testing of exposed infants
4. Identify and vaccinate all susceptible household contacts \leq 24 months of age



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2016 Perinatal Hepatitis B Birth Cohort

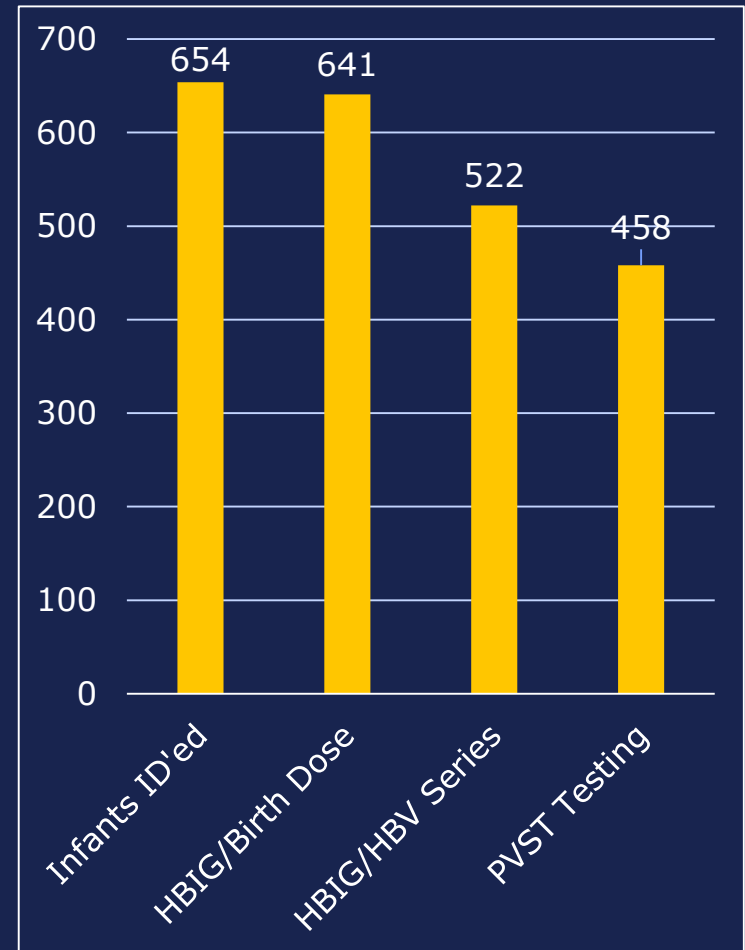


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- 654 Infants born to Hepatitis B infected moms identified
- 98% received HBIG and HBV birth dose w/in 1 calendar day of birth
- 80% received HBIG and HBV series by 8 months of age
- 70% tested for immunity/infection after vaccination series
- Two infants tested HBsAg positive after timely HBIG & Hep B vaccine series.





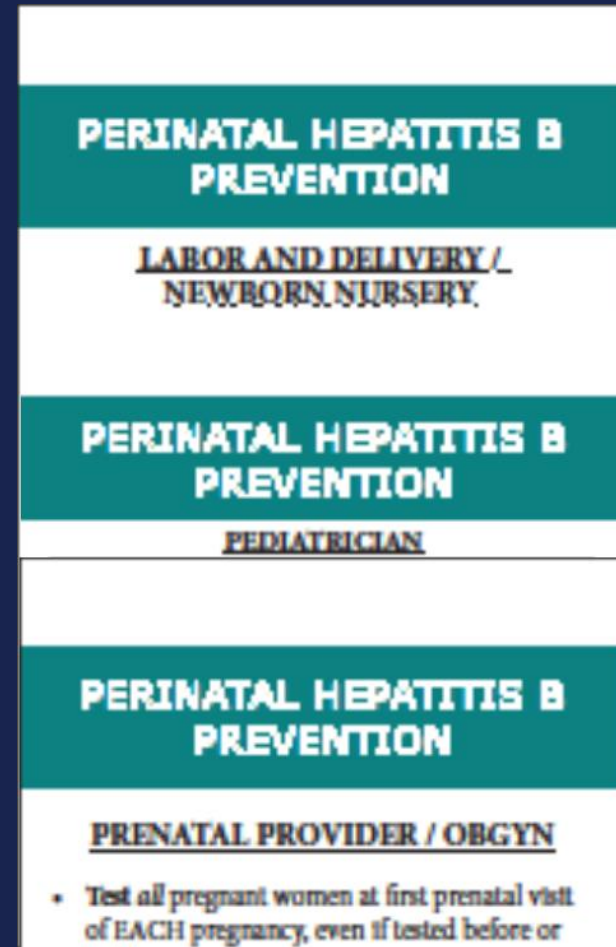
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Badge Buddies

- Quick reference material about the PHBPP program
- Targeted to each specific provider
- Since introduction, preliminary data indicates an increase in case completion





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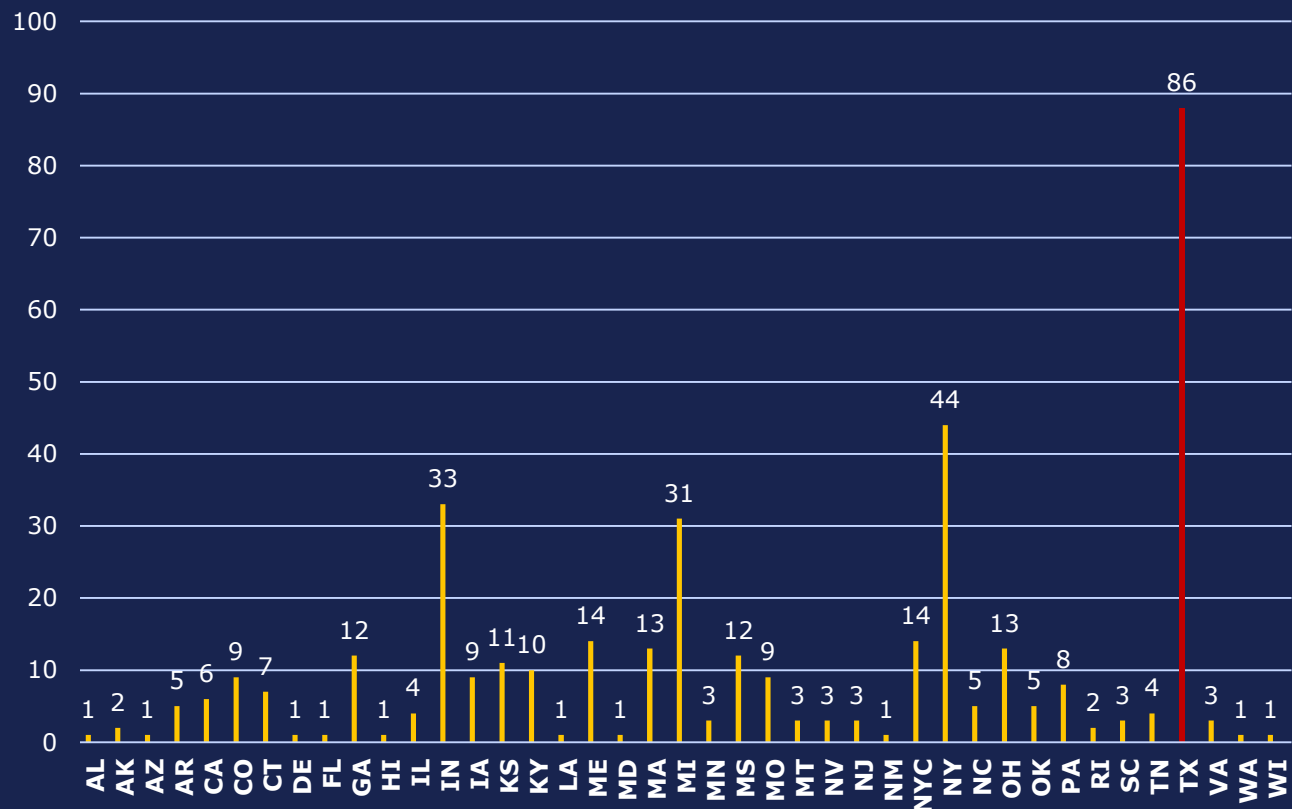
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Immunization Action Coalition (IAC) Birth Dose Honor Roll

- The Honor Roll recognizes hospitals and birthing centers that have achieved high coverage rates for administering hepatitis B vaccine at birth.
- Hospitals must show coverage rate of 90% or greater over one year for administering hepatitis B vaccine before hospital discharge to all newborns
- Texas has the highest number of hospitals enrolled in IAC's Birth Dose Honor Roll

Birth Dose Honor Roll Enrollees

Birth dose Honorees by State
As of May 2018



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Thank You

- PHBPP has been proven to be a cost effective method to reduce infections (Schillie et al., 2018).
- PHBPP success depends on multidisciplinary collaboration with hospitals, providers, labs, & local health departments
- Thank you for your commitment to making Texas Hepatitis B Free





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Thank you

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